

## Near Term Digital Radio System (NTDRS)



## MISSION

Provide on-the-move, tactical operation center-to-tactical operation center (TOC-to-TOC) communications data backbone for the First Digitized Division (FDD) and the first two Transformation Brigades; provide the primary wide-band waveform data communications network between Tactical Brigade and Battalion TOCs.

## DESCRIPTION AND SPECIFICATIONS

The Near Term Digital Radio System (NTDRS) is a largely non-developmental item research and development program that fulfills near-term requirements for a higher capacity data network between critical nodes within the tactical internet. NTDRS provides additional network capacity in the timeframe required for FDD. NTDRS will be the primary data hauler between the brigade TOCs and the battalion TOCs, high data rate logistics hosts and all mobile TOCs. It will also help support the Mobile Subscriber Equipment (MSE) Tactical Packet Network (TPN) and Enhanced Position Location Reporting System (EPLRS) data networks for FDD. It provides the following:

- Operation on-the-move in all terrain and foliage;
- Tactical multi-net gateway/internet controller interfaces for seamless links with Single Channel Ground and Airborne Radio System (SINCGARS) data, MSE TPN, and EPLRS data nets;
- Compliance with the Joint Technical Architecture-Army; and
- Secret high system operations.

## FOREIGN COUNTERPART

No known foreign counterpart

## FOREIGN MILITARY SALES

Canadians have procured 18 radios.

## PROGRAM STATUS

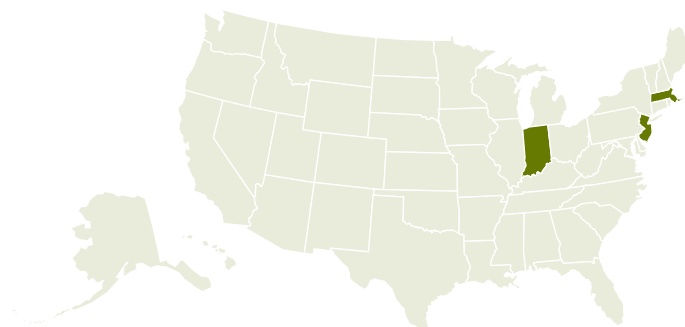
- 1QFY01 Deploy 104 NTDRS to FDD to perform TOC-to-TOC data net-working mission.

## PROJECTED ACTIVITIES

- 2QFY01/02 Deploy 88 NTDRS to first two transformation brigades.

## PRIME CONTRACTORS

International Telephone and Telegraph (ITT) (Fort Wayne, IN; Clifton, NJ); GTE (Cambridge, MA)



\* See appendix for list of subcontractors

